

3 September 1974

MEMORANDUM FOR: Chief, Systems Engineering Division
SUBJECT : ORACLE Project Recommendations

STATINTL 1. In an attempt to salvage the work that has
STATINTL been done to date on the [REDACTED] contracts and still
STATINTL provide the Agency with a workable Mass Storage System
consistent with present and future requirements of the
Office, I would like to make some recommendations. I
would also like to state for the record that I believe
that the [REDACTED] technical personnel are quite good. The
problem has been and is in management. With this in
mind, I recommend that OJCS take the following courses
of action with regard to the ORACLE Project:

STATINTL a. Have [REDACTED] propose a new management scheme
which will correct the past errors and give OJCS
management confidence to go on with the project.

STATINTL b. Drop VM from the Release 1 specifications.

STATINTL c. Have [REDACTED] provide us with a detailed
design of all areas that are not yet complete, as seen
by the Government.

STATINTL d. Have [REDACTED] propose a fixed price contract
to complete the Release 1 approved OS/MVT ASP support
system.

e. Renegotiate the second increment hardware
order from its present [REDACTED]
for two Dual Transport Modules and one Transport
Driver.

STATINTL 2. I feel that there should be no additional
funds given to [REDACTED] at this time outside of what is
already in the CPFF contract and what is left from
the reduced second increment order.

STATINTL
[REDACTED]

C/MSSB/SED

Sept. 3, 1974

STATINTL

TMS 2 Program Manager

STATINTL

Dear Erik,

This letter shall serve as the official document pertaining to the audit that the Agency requested last week. The Agency is requesting ~~the~~ a complete financial, hardware, and software audit. The purpose of the audit is to ~~aid~~ aid OJCS management in their decision regarding the future of the ORACLE Project.

STATINTL

The technical audit team shall be made up of

shall be the audit

team leader. will be

STATINTL

there to assist in any manner he can.

The technical audit shall take place from 9 September through 13 September. Preliminary results of the audit team will be provided to ~~xxxxxxx~~ by 27 September for comment.

The financial audit shall take place.....(Please fill in with dates etc as you find them. It would be nice if the financial audit took place at the same time)

The software audit ~~xxx~~ shall include all software functions included in the TMS 2 System Specifications and the ORACLE Programming Specification. A preliminary list of functions is included as an attachment. The final list will be discussed by on 9 September prior to the audit taking place. All software shall be at least audited for the following stages of development:

1. Availability and completeness of high level system documentation
2. Availability and completeness of detailed programming specifications
3. Status of program implementation including source and object code
4. Status testing to include isolated and system testing

Please provide the technical audit team with the following information by the 9 September meeting:

HARDWARE

a. A complete list of all DEC hardware that belongs to the Agency. Please include invoices.

STATINTL b. A complete list of [REDACTED] developed hardware as specified in contract XG 3765. This should include all hardware that [REDACTED] has STATINTL subcontracted for also.

c. A complete list of all rental equipment that is being paid for by the Agency.

SOFTWARE

a. A complete set of all documentation that is available.

b. A complete set of source code for all functions that are currently implemented.

c. A demonstration of all software that is running at the time of the audit.

All material should be current to 31 August.

In summary, the audit team is attempting to establish how much work has been accomplished to date. Your help in this task will be important. Please try to have the proper personnel available during the week to assist the team in their efforts.

SOFTWARE AREAS

SCPOS

- RSX-11A Interface
- I/O Interface
- Subtask control
- Program control
- Core Mngmt
- Executive Services

- Init Subtask
- WTD
- Timer
- Date
- Change Prty
- Enq/Deq
- Wait
- Post

- COMMIO
- Dispersal
- FORTTRAN Support
- Startup
- Reconfig

WORK MANAGEMENT

- JOBEXEC
- JOBTXT
- JOBIN
- HOSTBIND
- SPACE ALLOC
- ASCEND
- RELEASE
- CANCEL
- DESCEND
- PURGE
- GDG
- VMEXEC
- SECEXEC
- MISEXEC

- DATA FILE TRANSFER
- TRANSEL
- TRANEXEC
- TDIO
- EDIO

FILE MANAGEMENT SERVICES

DATA MANAGEMENT SERVICES

- INIT
- I/O
- PROCESSING

EDCPOS

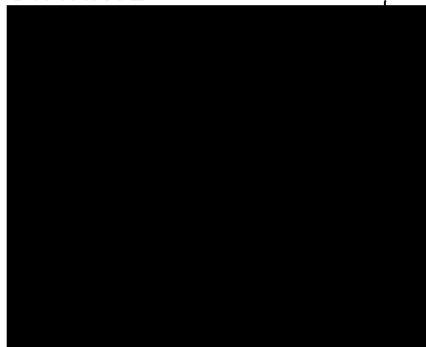
- EXEC COMMUNICATION
- OPERATOR COMMUNICATION
- STARTUP COMMUNICATION
- DEVICE HANDLERS
- DATA XFER CONTROL

RECOVERY

ARCHIVE

OPERATOR INTERFACE

STATINTL



signature

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